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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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EXAMINER				
AILES, BENJAMIN A				
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**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

### Office Action Summary

**Application No.**

10/731,362

**Applicant(s)**

MORICZ, MICHAEL ZSOLT

**Examiner**

BENJAMIN AILES

**Art Unit**

2442

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 06 November 2008.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-14 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-14 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 06 November 2008 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO/5508)
- Paper No(s)/Mail Date \_\_\_\_\_

- 4) ☐ Interview Summary (PTO-413)
- Paper No(s)/Mail Date \_\_\_\_\_
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: \_\_\_\_\_

**DETAILED ACTION**

1. This action is in response to correspondence filed 06 November 2008.
2. Claims 1-14 remain pending.

***Drawings***

3. The drawings were received on 06 November 2008. These drawings are acceptable.

***Claim Rejections - 35 USC § 112***

4. Applicant's amendment to claim 2 overcomes the prior rejection of claim 2-8 under 35 USC 112, second paragraph and therefore the rejection has been withdrawn.

***Claim Rejections - 35 USC § 102***

5. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

6. Claims 1-14 are rejected under 35 U.S.C. 102(e) as being anticipated by Bodwell et al. (US 6,954,783 B1), hereinafter referred to as Bodwell.
7. Regarding claim 1, Bodwell discloses an intermediary server comprising:  
a storage component (fig. 1, database 15; col. 7, ll. 29-33) that stores an association between a finite state machine and a document-location specifier (col. 7, ll. 29-33);

a client component (col. 7, ll. 29-33, software component 5) that executes a finite state machine corresponding to a mid-point document (col. 7, ll. 29-33, replay path) in order to obtain the mid-point document and a state associated with the mid-point document from a source server (col. 7, ll. 27-33, obtain web page); and

a server component (col. 7, ll. 29-33, software component 5) that receives a document-location specifier specifying the mid-point document from a client computer (col. 7, ll. 29-33, obtain cookie),

retrieves the association between the finite state machine and the document-location specifier (col. 7, ll. 29-33, replay path),

invokes the finite state machine to obtain the mid-point document and the state associated with the mid-point document from the source server (col. 7, ll. 29-33, replay path; fig. 1, communicate with target web server 30, web page 35), and

returns the mid-point document and state associated with the mid-point document to the client computer (col. 7, ll. 29-33, fig. 1, browser 20, results are sent to browser 20).

8. Regarding claim 2, Bodwell discloses the intermediary server wherein stored associations further include a parameter string (col. 7, ll. 29-33, state information), and wherein the server component:

receives the document-location specifier specifying the mid-point document from a client computer (col. 7, ll. 29-33, replay path),

retrieves the association between the finite state machine, a parameter string, and the document-location specifier (col. 7, ll. 29-33, replay path),

invokes the finite state machine, passing to the finite state machine the parameter string, to obtain the mid-point document and the state associated with the mid-point document from the source server (col. 7, ll. 29-33, replay path; fig. 1, communicate with target web server 30, web page 35), and

returns the mid-point document and state associated with the mid-point document to the client computer (col. 7, ll. 29-33, fig. 1, browser 20, results are sent to browser 20).

9. Regarding claim 3, Bodwell discloses the intermediary server wherein the storage component is one of:

a database management system (fig. 1, database 15; col. 7, ll. 29-33); a searchable list of finite-state-machine/parameter-string/document-location specifier associations stored in memory; and a file-based storage component.

10. Regarding claim 4, Bodwell discloses the intermediary server wherein document-location specifiers are URLs, a parameter string includes one or more parameter substrings, and each parameter substring specifying a step in a web-page navigation pathway (col. 7, ll. 29-33, state information).

11. Regarding claim 5, Bodwell discloses the intermediary server wherein each parameter substring includes one of: an indication of where to find a next URL; and a next URL (col. 7, ll. 29-33, state information).

12. Regarding claim 6, Bodwell discloses the intermediary server wherein the client component executes a finite state machine corresponding to a mid-point document by:

parsing the parameter string in order to extract each parameter substring in order; and for each extracted parameter substring, furnishing a URL specified in the extracted substring to the source server in order to obtain a document corresponding to the URL from the source server (col. 7, ll. 27-29, parse and replay user path).

13. Regarding claim 7, Bodwell discloses the intermediary server wherein execution of the finite state machine further includes obtaining additional information needed to be supplied along with a URL and supplying the additional information to the source server along with the URL specified in the extracted substring, additional information including one or more of: an authentication; a cookie (col. 7, ll. 29-33, retrieve further state information including cookies); input-field information.

14. Regarding claim 8, Bodwell discloses the intermediary server wherein the intermediary server stores a plurality of associations between finite state machines and parameter strings (fig. 1, database 15; col. 7, ll. 29-33); and

wherein the server component receives URLs specifying mid-point documents from a plurality of client computers (col. 7, ll. 29-33, state information to replay path), and for each received URL extracts a retrieval key from the received URL (col. 7, ll. 29-33, state information); retrieves an association between a finite-state-machine and a parameter-string corresponding to the received URL using the retrieval key, invokes the finite state machine, furnishing the finite state machine with the parameter string, and returns a mid-point document and state returned by the finite state machine to the client computer (col. 7, ll. 29-33, fig. 1, browser 20, results are sent to browser 20).

15. Regarding claim 9, Bodwell discloses a method for returning to a requesting client computer a mid-point document, the method comprising:

receiving a document-location specifier from the client computer specifying the mid-point document (col. 7, ll. 29-33, obtain cookie);

finding a stored association between a finite state machine corresponding to the received document-location specifier (fig. 1, database 15; col. 7, ll. 29-33);

invoking the finite state machine to receive the mid-point document and state associated with the mid-point document from a source server (col. 7, ll. 29-33, replay path; fig. 1, communicate with target web server 30, web page 35); and

returning the mid-point document and state associated with the mid-point document to the client computer (col. 7, ll. 29-33, fig. 1, browser 20, results are sent to browser 20).

16. Regarding claim 10, Bodwell discloses the method wherein the stored association further includes a parameter string, and wherein the parameter string is passed to the finite state machine upon invoking the finite state machine (col. 7, ll. 29-33, retrieve further state information including cookies).

17. Regarding claim 11, Bodwell discloses the method wherein the document-location specifier received from the client computer includes a retrieval key, and finding a stored association between a finite state machine and a parameter string corresponding to the received document-location specifier further includes extracting the retrieval key from the received document-location specifier (col. 7, ll. 29-33, state information) and using the extracted retrieval key to find the stored association between

a finite state machine and a parameter string corresponding to the received document-location specifier (col. 7, ll. 27-29, parse and replay user path).

18. Regarding claim 12, Bodwell discloses the method wherein the parameter string includes a number of parameter substrings and wherein invoking the finite state machine with the parameter string to receive the mid-point document and state associated with the mid-point document from a source server further includes:

    parsing the parameter string in order to extract each parameter substring in order; and for each extracted parameter substring (col. 7, ll. 27-29, parse and replay user path), furnishing a document-location specifier specified in the extracted substring to the source server in order to obtain a document corresponding to the document-location specifier from the source server (col. 7, ll. 27-29, parse and replay user path).

19. Regarding claim 13, Bodwell discloses the method wherein furnishing a document-location specifier specified in the extracted substring to the source server in order to obtain a document corresponding to the document-location specifier from the source server further includes obtaining additional information needed to be supplied along with a document-location specifier and supplying the additional information to the source server along with the document-location specifier specified in the extracted substring, additional information including one or more of: an authentication; a cookie; input-field information (col. 7, ll. 27-29, parse and replay user path).

20. Regarding claim 14, Bodwell discloses the method encoded in computer instructions stored in a computer readable medium (fig. 1).



***Response to Arguments***

Applicant's arguments, see Remarks, filed 06 November 2008, with respect to the rejection(s) of claim(s) 1-14 under 35 USC 102(a) as being anticipated by Greene (US 2002/0143861) have been fully considered and are persuasive. Therefore, the rejection has been withdrawn. However, upon further consideration, a new ground(s) of rejection is made in view of Bodwell et al. (US 6,954,783 B1).

***Conclusion***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Benjamin Ailes whose telephone number is (571)272-3899. The examiner can normally be reached Monday-Friday, 5:30-8:30AM, 1:00-6:00PM, IFP Hoteling schedule.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Andrew Caldwell can be reached on 571-272-3868. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/B. A. A./  
Examiner, Art Unit 2442

/Andrew Caldwell/  
Supervisory Patent Examiner, Art  
Unit 2442